

**Aero Design Ltd.****Work Order Control Sheet**Work Order#: 2015-89 Date Opened: 18-Aug-15 Title: ComponentAircraft OEM: Multiple Aircraft Model: Multiple Product Type: Lid Prop Product Model: N/A Quantity: 3**Work Order Contents**

Work Order/Build Sheets (Procedures Provided)  
Additional Work Sheets (Standard Practice)  
Drawings (See List Below)  
Parts Distribution Sheet  
Sub Component Tags  
Completed Certification (Original)  
Time Sheet (R&D)  
Notes

Initial or N/A

JR
N/A
JR
JR
N/A
JR
N/A
N/A

**Build Sheet Contents**

Tasks Initialled  
Dual Inspections Initialled

Initial or N/A

JC
JC

**Drawing List**

Drawing #	Rev #	Description	Initial or N/A
36280	3	Lid Brace Assembly	JR

**Traveller**

Initial or N/A


Work performed by:

Print: J. Rekve

Sign:

ICC / Dual Inspection performed by:

Print: J. Clarke

Sign:

Work Order closed by:

Print: J. Rekve

Sign:

Approved Manufacturing Facility 73-04

Form 20.D.03

**Component Completion**

Quantity Complete on This Work Order  
Quantity Incomplete on This Work Order  
Further Processing Required Before Release  
Release to Stock as Components

As Instructed

3
N/A
N/A
N/A

**Certification**

Form One Completed  
Serviceable (Green) Tag Completed  
In Process (Yellow) Tag Completed  
Unserviceable (Red) Tag Completed  
Parts Placed in Stores for Distribution

Initial or N/A

N/A
JR
N/A
N/A
N/A

**Additional Documentation**

Documentation of a minor change  
Non-Conformance Report Required  
Service Difficulty Report Required

Initial or N/A

N/A
N/A
N/A

**Billing**

Local (Aero Design)  
Research and Development  
Third Party

Initial or N/A

JR
N/A
N/A

SCA: AD01

Date: 18-Aug-15

SCA: AD02

Date: 21-Aug-15

SCA: AD01

Date: 21-Aug-15

Rev. Original 23 Sep 2014



## COMPONENT – LID PROP ASSEMBLY

### General

These instructions apply to all cargo basket lid prop assemblies. Refer to the following drawings, at the current revision, for dimensions and details:

**All Models:** 36280, Rev. 2

**Work Order:** 2015-89

**Complete**  
(initial or SCA #)

**Date Open:** 18 Aug 15

*dk*

#### 1. Machining

- a. Stock part: 9-2081 brace. Disassemble by sliding apart into separate pieces.
- b. Drill  $\frac{1}{4}$ " hole up to  $\frac{3}{8}$ " in both parts of slider assembly on drill press. Deburr holes.
- c. Drill #9 hole in 36280-03 slider (outside) in accordance with drawing.
  - i. Locate with stops on manual milling machine.
- d. Mill  $\frac{3}{16}$ " slot 36280-02 slider (inside) in accordance with drawing.
  - i. Locate with stops on manual milling machine

*dk*

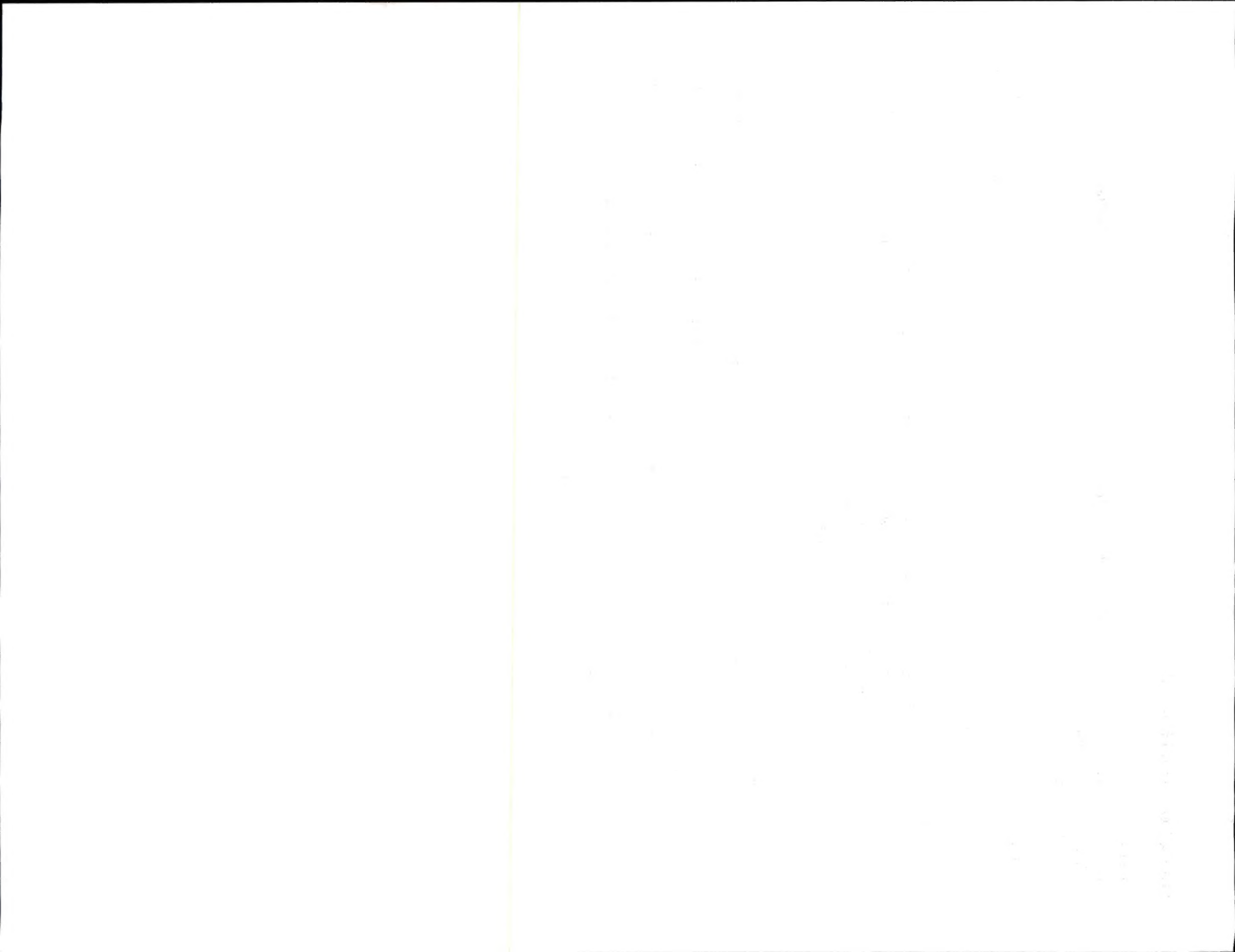
#### 2. Assembly

- a. Insert AN3-4A bolt with three (3) NAS1149F0363P washers into hole in 36280-03 slider. Locate head and washer on INSIDE of slider.
- b. Locate one (1) NAS1149F0332P washer on bolt. Thread MS21044N3 nut on bolt, torque to 12-15 in-lbs. Align bolt head with flats ACROSS slider.
- c. Slide 36280-02 slider (inside) into 36280-03 slider (outside). Ensure stop catch inside slider catches on bolt head.
  - i. If inside slider cannot move past bolt, replace one NAS1149F0363P washer with NAS1149F0332P washer under bolt head and reassemble.
  - ii. If inside slider does not catch on bolt, add one NAS1149F0363P washer under bolt head and reassemble.

*JK*

#### 3. Final Inspection

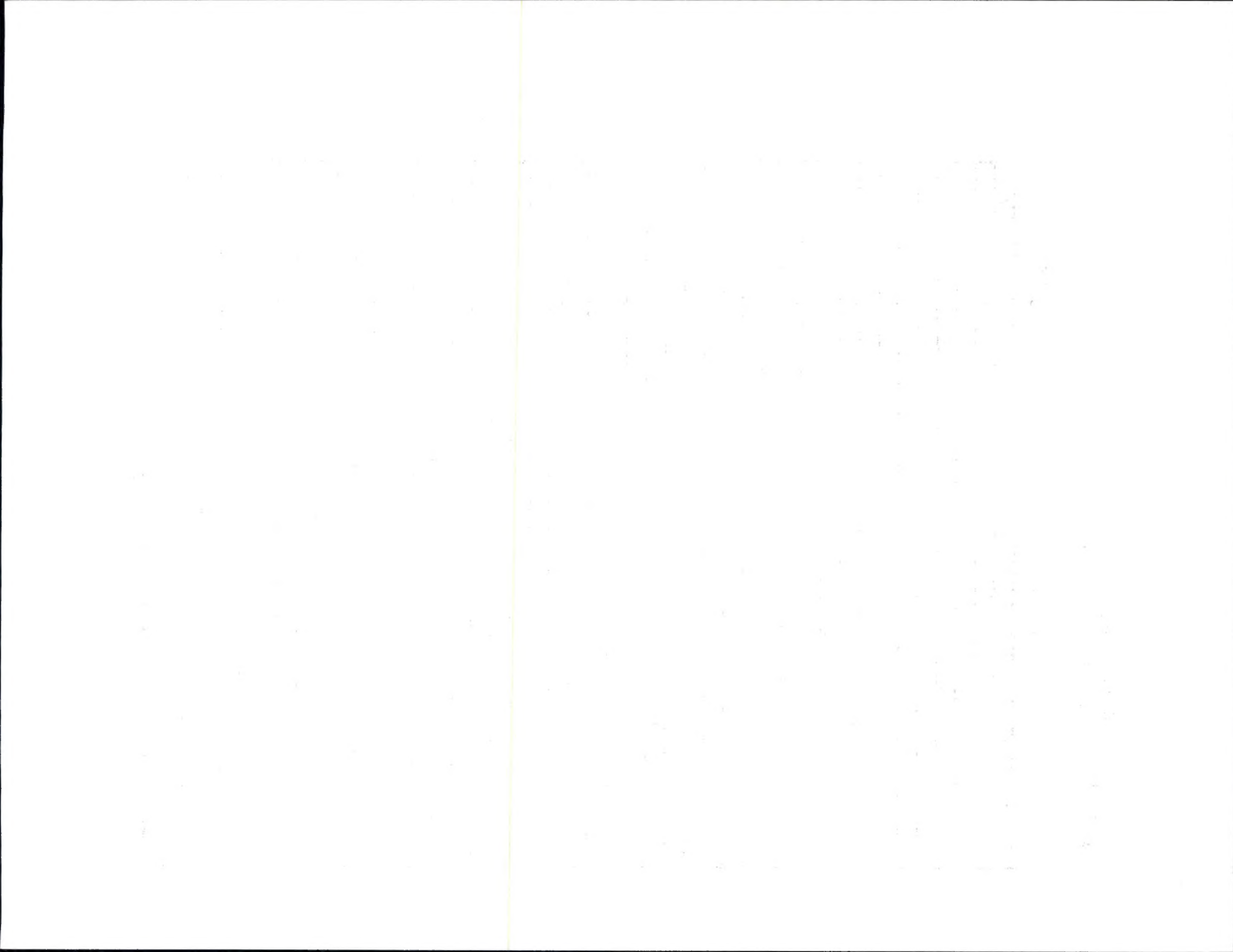
- To be completed by a different person than the previous steps.
- a. Tag complete and inspected parts in preparation for installation.





WO# 2015-89

Rev. Original 27 May 2013

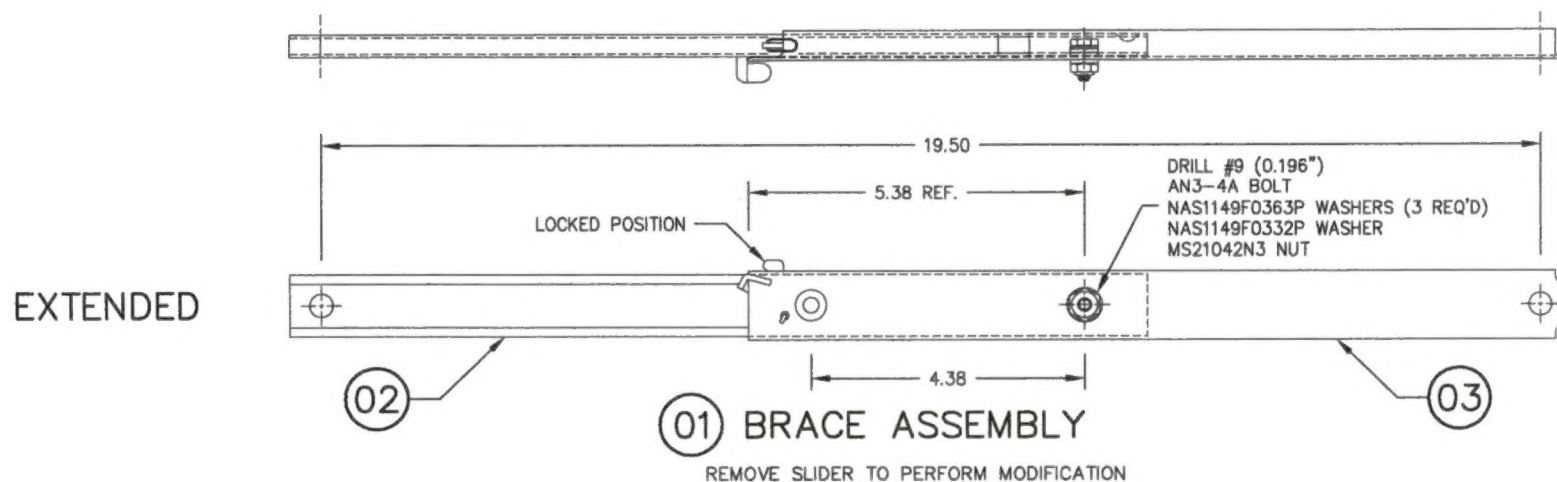
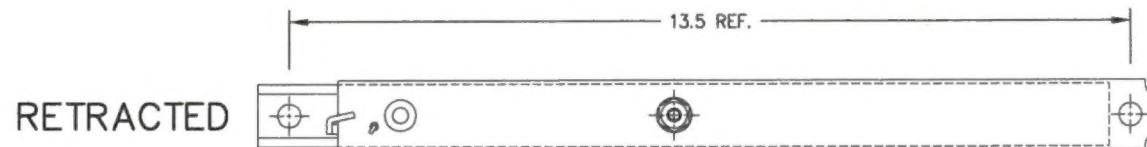




2015-89

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	CHANGED POSITION OF STOP BOLT (WAS 4.38")	STF	JUL 01/02
2	CHANGED POSITION OF STOP BOLT (WAS 4.31")	BJC	APR 28/04
3	TITLE BLOCK UPDATED; COMPONENT PARTS IDENTIFIED	BJC	13/03/2014



1	MS21044N3	NUT	
1	NAS1149F0332P	WASHER	
3	NAS1149F0363P	WASHER	
1	AN3-4A	BOLT	
1	36280-03	03 MODIFIED GUIDE	STOCK: 9-2081 PROP
1	36280-02	02 MODIFIED SLIDER	VICTORIA BRITISH
	36280-01	01 BRACE ASSEMBLY	
01	PART NO.	ITEM	DESCRIPTION MATERIAL
QTY	LIST OF MATERIALS		

APPROVALS	DATE
DRAWN: STEVEN FAHEY	MAR 18/02
CHECKED: E. BURGOIN	MAY 01/03

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ON:  
DECIMALS ANGLES  
X.XXX  $\pm 0.010$   $\pm 1/2^\circ$   
X.XX  $\pm 0.03$   
X.X  $\pm 0.1$



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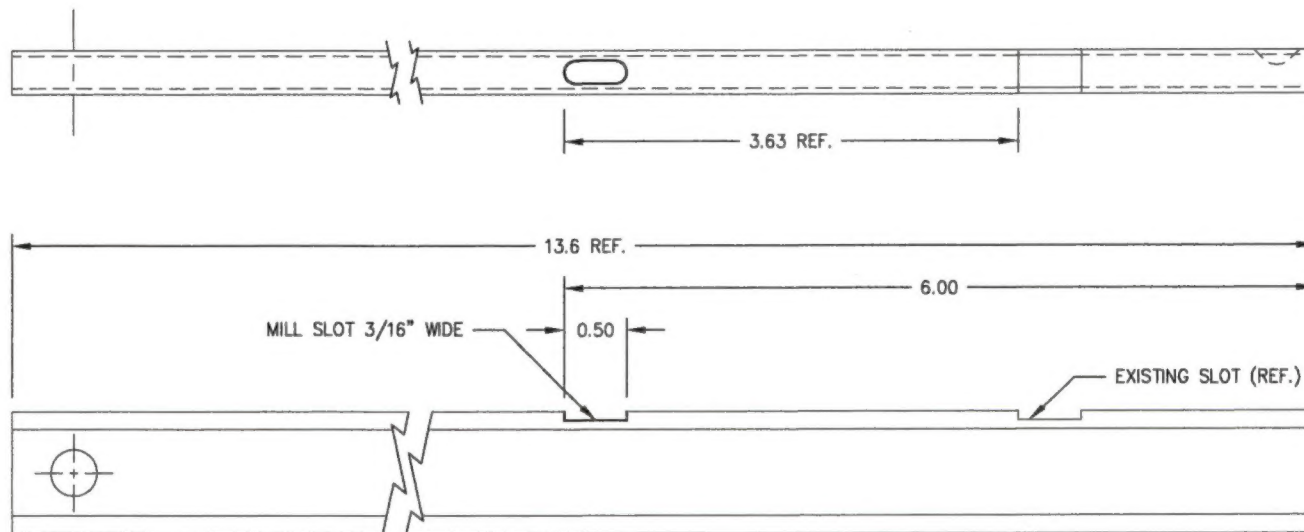
9888A MALASPINA ROAD  
POWELL RIVER, BC, CANADA, V8A 0G3  
TEL: 804.483.2376 www.aerodesign.ca

HELICOPTER CARGO BASKET  
LID BRACE ASSEMBLY

SCALE 1 : 2	DWG. SIZE	DWG. NO.	REV.	
SHEET 1 OF 2	A3	36280	3	








## 02 MODIFIED SLIDER

REMOVE FROM GUIDE TO PERFORM MODIFICATION

1	9-2081		LID BRACE	VICTORIA BRITISH
	36280-02	02	MODIFIED SLIDER	
01	PART NO.	ITEM	DESCRIPTION	MATERIAL
QTY.	LIST OF MATERIALS			

APPROVALS	DATE	 <b>AERO DESIGN LTD.</b> 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 604.483.2376      www.aerodesign.ca		
DRAWN: STEVEN FAHEY	MAR 18/02			
CHECKED: E. BURGAIN	MAY 01/03			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS      ANGLES X.XXX ±0.010      ±1/2° X.XX ±0.03 X.X ±0.1		HELICOPTER CARGO BASKET LID BRACE SLIDER MODIFICATION		
SCALE 1 : 2		DWG. SIZE	DWG. NO.	REV.
SHEET 2 OF 2		A3	36280	3

**Aero Design Ltd.**

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: Lid Prop x 3

Manufacturer: Aero Design Ltd.

Part No.: 36280-01 Serial / Batch No.: NSA

TTSN: NA TSO: N/A Rem.: N/A

Work Order No.: 2015-89

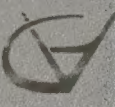
Remaining Tasks to be Performed: Install

Signature: [Signature]

Date: 21 Aug 15 Lic. No. / ACA AD01

**Serviceable**

Serviceable



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Remarks

Material PO 15036

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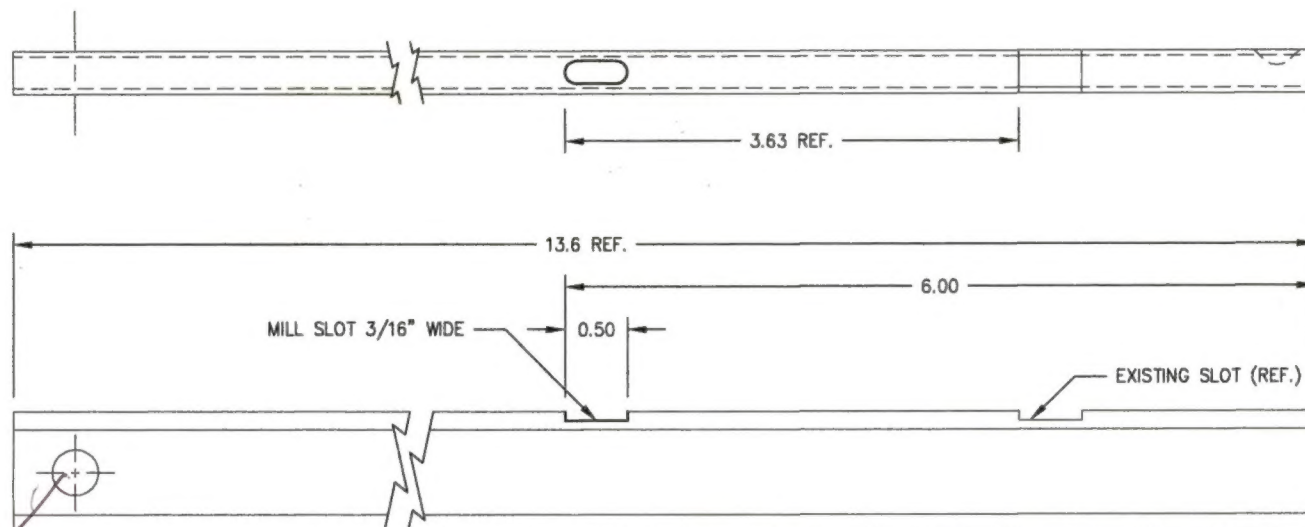
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WO 2015-89



Size W

## 02 MODIFIED SLIDER

REMOVE FROM GUIDE TO PERFORM MODIFICATION

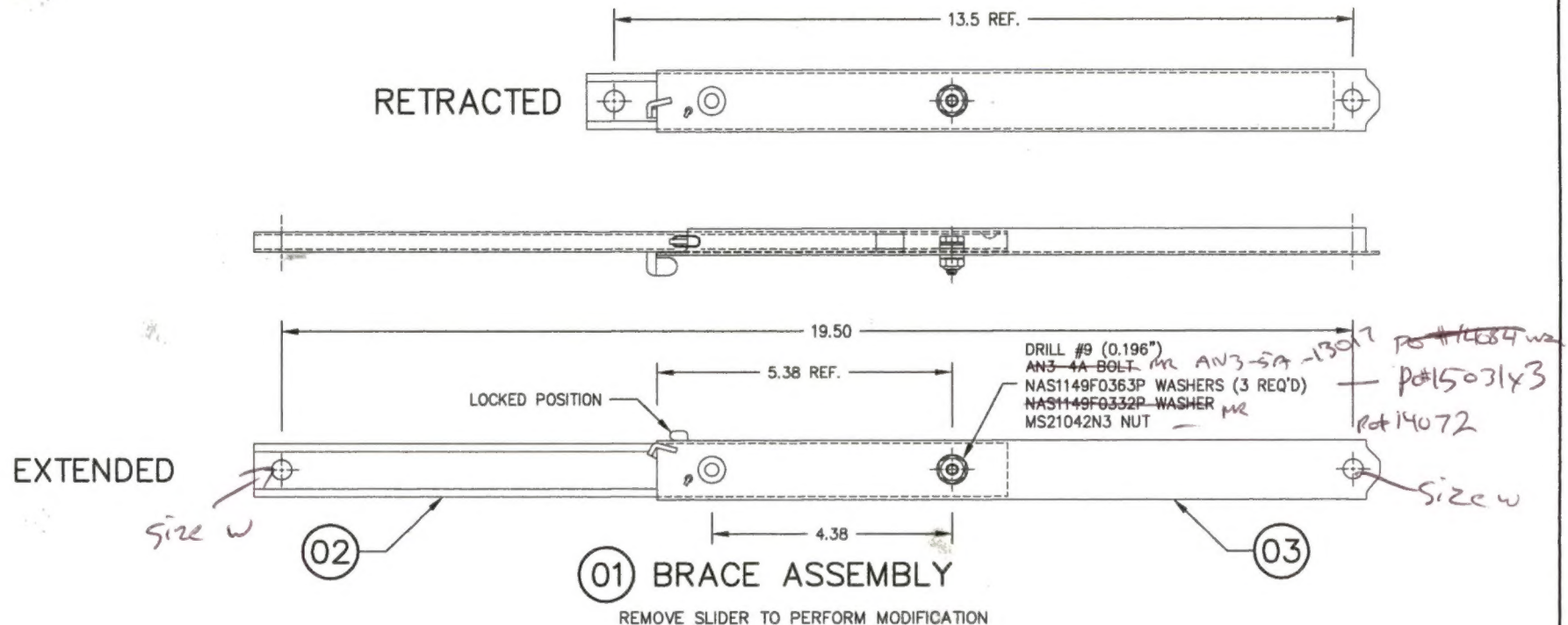
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	36280-02	02	MODIFIED SLIDER	
01	PART NO.	ITEM	DESCRIPTION	MATERIAL
QTY.	LIST OF MATERIALS			

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SCALE 1 : 2		DWG. SIZE	DWG. NO.	REV.	
SHEET 2 OF 2		A3	36280	3	



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X.X  $\pm 0.1$



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